

 Axion Polymers	<b>Product Information Sheet</b>		<b>PS01 3003</b>
<b>Document Reference</b>	MS05-PS01-3003	<b>Issue Reference</b>	2

## Axpoly<sup>®</sup> Grade - PS01 3003

### Description:- General Purpose Impact Modified Polystyrene



PS01 Series polystyrenes offer the designer and processor a high performance polymer with well-defined properties in a range of options to suit many applications.

The Axpoly<sup>®</sup> PS01 range of custom compounds are processed to a high purity and give consistent material properties during moulding.

Application specific property enhancements are possible, including:

- Colour
- Flame retardancy
- Fibre reinforcement
- Impact modification

### Technical Data

<b>Axpoly PS01 3003</b>	
<b>Parameter*</b>	<b>Typical Properties</b>
MFI ( .5kg @ 200°C)	6 g/10 mins
Density	1.05 g/cm <sup>3</sup>
Tensile Strength	21 MPa
Impact	8 kJ/m <sup>2</sup>
Visual Appearance	White
Bulk Density	610 kg/m <sup>3</sup>
Pellet Size	3 mm

Axpoly<sup>®</sup> is available in 1 tonne polyester big bags on a pallet, other formats possible on request.

**Notes:** All grades are ROHS compliant and REACH ready.

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